

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #		72	73		74		75	76	77		78	79	80	81
Pollutant	Data Source	4-Chlorophenyl Phenyl Ether	Chrysene	1/2Chrysene	Dibenzo(a,h)Anthracene	1/2Dibenzo(a,h)Anthracene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1/2 1,4-Dichlorobenzene	3,3'-Dichlorobenzidine	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
Units		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1/2/1998	NPDES													
2/1/1998	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	1.5	1.5	<2	<3	<3	<3
3/2/1998	NPDES													
4/2/1998	NPDES													
5/2/98 (5/1/98 Pest's)	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	1.5	1.5	<2	<3	<3	<3
6/2/1998	NPDES													
7/1/1998	NPDES													
8/1/1998	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	1.5	1.5	<2	<3	<3	<3
9/2/1998	NPDES													
10/2/1998	NPDES													
11/1/1998	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
12/3/1998	NPDES													
1/4/1999	NPDES													
2/2/1999	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
3/3/99 (3/1/99 Pest's)	NPDES													
4/1/1999	NPDES													
5/1/1999	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
6/1/1999	NPDES													
7/2/1999	NPDES													
8/1/1999	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
9/1/1999	NPDES													
10/2/1999	NPDES													
10/19/1999	NPDES													
11/2/1999	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
12/15/1999	NPDES													
1/3/2000	NPDES													
2/2/2000	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
3/3/2000	NPDES													
4/2/2000	NPDES													
5/1/2000	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
6/1/20(6/5/00 Pest's)	NPDES													
7/1/2000	NPDES													
8/1/2000	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
9/1/2000	NPDES													
10/1/2000	NPDES													
11/1/2000	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
12/1/2000	NPDES													
1/2/2001	NPDES													
2/1/2001	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
3/2/01(3/8/01 Pest's)	NPDES													
4/1/2001	NPDES													
5/2/2001	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
6/2/2001	NPDES													
7/2/2001	NPDES													
8/2/2001	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
9/4/2001	NPDES													
10/1/2001	NPDES													
11/3/2001	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
12/3/2001	NPDES													
1/2/2002	NPDES													
2/2/2002	NPDES	<2	<1	0.5	<1.5	0.75	<1.5	<1.5	<1.5	0.75	<2	<3	<3	<3
3/3/2002	NPDES													
4/3/2002	NPDES													
5/6/2002	NPDES	<1	<1	0.5	<1	0.5	<1	<1	<1	0.50	<1	<0.4	<0.3	<3
6/6/2002	NPDES													
7/1/2002	NPDES													
8/2/2002	NPDES	<1	<1	0.5	<1	0.5	<1	<1	<1	0.50	<1	<0.4	<0.3	<3
9/3/2002	NPDES													
10/1/2002	NPDES													
11/1/2002	NPDES	<1	<1	0.5	<1	0.5	<1	<1	<1	0.50	<1	<0.4	<0.3	<3
12/1/2002	NPDES													
1/2/2003	NPDES													

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Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #		72	73		74		75	76	77		78	79	80	81
Pollutant	Data Source	4-Chlorophenyl Phenyl Ether	Chrysene	1/2Chrysene	Dibenzo(a,h)Anthracene	1/2Dibenzo(a,h)Anthracene	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1/2 1,4-Dichlorobenzene	3,3'-Dichlorobenzidine	Diethyl Phthalate	Dimethyl Phthalate	Di-n-Butyl Phthalate
% NONDETECT		100	98.246		98.246		96.5517	96.5517	86.207		100	96.491	100	
ST DEVIATION		#DIV/0!		0.3315		0.3279	0.01414	0.09899		0.4189	#DIV/0!	0.1626	#DIV/0!	
AVERAGE		#DIV/0!		0.3995		0.4211	0.12	0.83		0.3629	#DIV/0!	0.235	#DIV/0!	
CV		0.6		0.8299		0.7788	0.6	0.6		1.1542	0.6	0.6	0.6	
Default CV		0.6	0.83	0.83	0.78	0.78	0.6	0.6	1.15	1.15	0.6	0.6	0.6	0.53
ECA multipliers Table 1														
CV^2 +1		1.36	1.6889	1.6889	1.6084	1.6084	1.36	1.36	2.3225	2.3225	1.36	1.36	1.36	1.2809
Sigma		0.5545	0.7239	0.7239	0.6894	0.6894	0.55451	0.55451	0.918	0.918	0.55451	0.5545	0.5545	0.49756
Sigma ^2		0.3075	0.5241	0.5241	0.4752	0.4752	0.30748	0.30748	0.8426	0.8426	0.30748	0.3075	0.3075	0.24756
Sigma 4		0.2936	0.3986	0.3986	0.3763	0.3763	0.29356	0.29356	0.5345	0.5345	0.29356	0.2936	0.2936	0.26052
Sigma 4 ^2		0.0862	0.1589	0.1589	0.1416	0.1416	0.08618	0.08618	0.2856	0.2856	0.08618	0.0862	0.0862	0.06787
Z 99 %ile		2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2		0.1537	0.262	0.262	0.2376	0.2376	0.15374	0.15374	0.4213	0.4213	0.15374	0.1537	0.1537	0.12378
Z99% *Sigma		1.2898	1.6839	1.6839	1.6035	1.6035	1.2898	1.2898	2.1352	2.1352	1.2898	1.2898	1.2898	1.15732
ECA Acute 99 multiplier		0.3211	0.2413	0.2413	0.2552	0.2552	0.32108	0.32108	0.1802	0.1802	0.32108	0.3211	0.3211	0.35575
0.5*Sigma 4 ^2		0.0431	0.0795	0.0795	0.0708	0.0708	0.04309	0.04309	0.1428	0.1428	0.04309	0.0431	0.0431	0.03393
Z99%ile*Sigma 4		0.6828	0.9272	0.9272	0.8752	0.8752	0.68282	0.68282	1.2432	1.2432	0.68282	0.6828	0.6828	0.60596
ECA Chronic99 multiplier		0.5274	0.4284	0.4284	0.4473	0.4473	0.52743	0.52743	0.3328	0.3328	0.52743	0.5274	0.5274	0.56438
Z 95%ile		1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4		0.4829	0.6557	0.6557	0.619	0.619	0.48291	0.48291	0.8792	0.8792	0.48291	0.4829	0.4829	0.42855
0.5*sigma 4 ^2		0.0431	0.0795	0.0795	0.0708	0.0708	0.04309	0.04309	0.1428	0.1428	0.04309	0.0431	0.0431	0.03393
AMEL multiplier95		1.5524	1.7794	1.7794	1.7301	1.7301	1.55242	1.55242	2.0883	2.0883	1.55242	1.5524	1.5524	1.48381
Z99% *Sigma		1.2898	1.6839	1.6839	1.6035	1.6035	1.2898	1.2898	2.1352	2.1352	1.2898	1.2898	1.2898	1.15732
0.5* sigma^2		0.1537	0.262	0.262	0.2376	0.2376	0.15374	0.15374	0.4213	0.4213	0.15374	0.1537	0.1537	0.12378
MDEL multiplier99		3.1145	4.1447	4.1447	3.9191	3.9191	3.11446	3.11446	5.5503	5.5503	3.11446	3.1145	3.1145	2.81099
MDEL/AMEL Multiplier		2.0062	2.3292	2.3292	2.2652	2.2652	2.00619	2.00619	2.6578	2.6578	2.00619	2.0062	2.0062	1.89444

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(NPDES No. CA0053953, CI No. 5675)

CTR #		82	83	84	85	86	87	88	89	90	91	92	93	94	
Pollutant	Units	1/2Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Napthalene
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1/2/1998															
2/1/1998	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
3/2/1998															
4/2/1998															
5/2/98 (5/1/98 Pest's)	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
6/2/1998															
7/1/1998															
8/1/1998	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
9/2/1998															
10/2/1998															
11/1/1998	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
12/3/1998															
1/4/1999															
2/2/1999	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
3/3/99 (3/1/99 Pest's)															
4/1/1999															
5/1/1999	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
6/1/1999															
7/2/1999															
8/1/1999	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
9/1/1999															
10/2/1999															
10/19/1999															
11/2/1999	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
12/15/1999															
1/3/2000															
2/2/2000	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
3/3/2000															
4/2/2000															
5/1/2000	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
6/1/20(6/5/00 Pest's)															
7/1/2000															
8/1/2000	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
9/1/2000															
10/1/2000															
11/1/2000	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
12/1/2000															
1/2/2001															
2/1/2001	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
3/2/01(3/8/01 Pest's)															
4/1/2001															
5/2/2001	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
6/2/2001															
7/2/2001															
8/2/2001	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
9/4/2001															
10/1/2001															
11/3/2001	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
12/3/2001															
1/2/2002															
2/2/2002	1.5	<1.5	<1	<1.5	<1	<1	<1	<1	<2	<3	<2	<1.5	<4	<2	
3/3/2002															
4/3/2002															
5/6/2002	1.5	<1	<1	<2	<1	<1	<1	<0.3	<1	<1	<1	<1	<0.2	<1	
6/6/2002															
7/1/2002															
8/2/2002	1.5	<1	<1	<2	<1	<1	<1	<0.3	<1	<1	<1	<1	<0.2	<1	
9/3/2002															
10/1/2002															
11/1/2002	1.5	<1	<1	<2	<1	<1	<1	<0.3	<1	<1	<1	<1	<0.2	<1	
12/1/2002															
1/2/2003															

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Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #		82	83	84	85	86	87	88	89	90	91	92	93	94
Pollutant	1/2Di-n-Butyl Phthalate	2,4-Dinitrotoluene	2,6-Dinitrotoluene	Di-n-Octyl Phthalate	1,2-Diphenylhydrazine	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Indeno(1,2,3-cd)Pyrene	Isophorone	Napthalene
% NONDETECT		100	100	91.2281	98.246	98.246	100	100	100	100	100	100	98.246	98.246
ST DEVIATION	0.57306	#DIV/0!	#DIV/0!	1.09611	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	1.07912	#DIV/0!	#DIV/0!	0.98	0.12	0.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.16	1.27
CV	0.53105	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV	0.53	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1														
CV^2 +1	1.2809	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.49756	0.5545	0.5545	0.55451	0.5545	0.5545	0.5545	0.5545	0.5545	0.5545	0.55451	0.5545	0.5545	0.5545
Sigma ^2	0.24756	0.3075	0.3075	0.30748	0.3075	0.3075	0.3075	0.3075	0.3075	0.3075	0.30748	0.3075	0.3075	0.3075
Sigma 4	0.26052	0.2936	0.2936	0.29356	0.2936	0.2936	0.2936	0.2936	0.2936	0.2936	0.29356	0.2936	0.2936	0.2936
Sigma 4 ^2	0.06787	0.0862	0.0862	0.08618	0.0862	0.0862	0.0862	0.0862	0.0862	0.0862	0.08618	0.0862	0.0862	0.0862
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.12378	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537	0.1537	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537
Z99% *Sigma	1.15732	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
ECA Acute 99 multiplier	0.35575	0.3211	0.3211	0.32108	0.3211	0.3211	0.3211	0.3211	0.3211	0.3211	0.32108	0.3211	0.3211	0.3211
0.5*Sigma 4 ^2	0.03393	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431	0.0431	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431
Z99%ile*Sigma 4	0.60596	0.6828	0.6828	0.68282	0.6828	0.6828	0.6828	0.6828	0.6828	0.6828	0.68282	0.6828	0.6828	0.6828
ECA Chronic99 multiplier	0.56438	0.5274	0.5274	0.52743	0.5274	0.5274	0.5274	0.5274	0.5274	0.5274	0.52743	0.5274	0.5274	0.5274
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.42855	0.4829	0.4829	0.48291	0.4829	0.4829	0.4829	0.4829	0.4829	0.4829	0.48291	0.4829	0.4829	0.4829
0.5*sigma 4 ^2	0.03393	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431	0.0431	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431
AMEL multiplier95	1.48381	1.5524	1.5524	1.55242	1.5524	1.5524	1.5524	1.5524	1.5524	1.5524	1.55242	1.5524	1.5524	1.5524
Z99% *Sigma	1.15732	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
0.5* sigma^2	0.12378	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537	0.1537	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537
MDEL multiplier99	2.81099	3.1145	3.1145	3.11446	3.1145	3.1145	3.1145	3.1145	3.1145	3.1145	3.11446	3.1145	3.1145	3.1145
MDEL/AMEL Multiplier	1.89444	2.0062	2.0062	2.00619	2.0062	2.0062	2.0062	2.0062	2.0062	2.0062	2.00619	2.0062	2.0062	2.0062

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Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	95	96	97		98	99	100	101	102	103	104	105	106	107
Pollutant	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	1/2 N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane
Units	ug/L	ug/L	ug/L		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1/2/1998														
2/1/1998	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.006	<0.002	<0.006	0.026	<0.006	<0.048
3/2/1998														
4/2/1998														
5/2/98 (5/1/98 Pest's)	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.006	<0.002	<0.006	0.013	<0.006	<0.048
6/2/1998														
7/1/1998														
8/1/1998	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	0.018	0.06	<0.048
9/2/1998														
10/2/1998														
11/1/1998	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	0.025	<0.005	<0.048
12/3/1998														
1/4/1999														
2/2/1999	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	0.013	<0.005	<0.048
3/3/99 (3/1/99 Pest's)									<0.002	<0.002	<0.006	<0.009	<0.005	<0.048
4/1/1999														
5/1/1999	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	<0.009	<0.005	<0.048
6/1/1999														
7/2/1999														
8/1/1999	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	<0.009	<0.005	<0.048
9/1/1999														
10/2/1999														
10/19/1999														
11/2/1999	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	0.012	<0.005	<0.048
12/15/1999														
1/3/2000														
2/2/2000	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.002	<0.002	<0.006	<0.009	<0.005	<0.048
3/3/2000														
4/2/2000														
5/1/2000	<1	<3	<4.5	2.25	<1	<1	<1	<2						
6/1/20(6/5/00 Pest's)									<0.002	<0.002	<0.006	0.014	<0.005	<0.048
7/1/2000														
8/1/2000	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.008	<0.001	<0.002	<0.001	<0.001	<0.025
9/1/2000														
10/1/2000														
11/1/2000	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.003	<0.002	<0.002	<0.002	<0.002	<0.01
12/1/2000														
1/2/2001									<0.003	<0.002	<0.002	<0.002	<0.002	<0.01
2/1/2001	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.003	<0.002	<0.002	0.008	<0.002	<0.01
3/2/01(3/8/01 Pest's)									<0.008	<0.001	<0.002	<0.001	<0.001	<0.05
4/1/2001														
5/2/2001	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.008	<0.001	<0.002	<0.001	<0.001	<0.05
6/2/2001														
7/2/2001														
8/2/2001	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.008	<0.001	<0.002	<0.001	<0.001	<0.05
9/4/2001														
10/1/2001														
11/3/2001	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.008	<0.001	<0.002	<0.001	<0.001	<0.05
12/3/2001														
1/2/2002														
2/2/2002	<1	<3	<4.5	2.25	<1	<1	<1	<2	<0.008	<0.001	<0.002	<0.001	<0.001	<0.05
3/3/2002														
4/3/2002														
5/6/2002	<2	<1	<2	1	<1	<1	<1	<1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.02
6/6/2002														
7/1/2002														
8/2/2002	<2	<1	<2	1	<1	<1	<1	<1	<0.001	<0.001	<0.001	<0.001	<0.001	<0.02
9/3/2002														
10/1/2002														
11/1/2002	<2	<1	<2	1	<1	<1	<1	<1	<0.001	<0.001	<0.001	0.007	<0.001	<0.02
12/1/2002														
1/2/2003														

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	95	96	97	98	99	100	101	102	103	104	105	106	107	
Pollutant	Nitrobenzene	N-Nitrosodimethylamine	N-Nitrosodi-n-Propylamine	1/2 N-Nitrosodi-n-Propylamine	N-Nitrosodiphenylamine	Phenanthrene	Pyrene	1,2,4-Trichlorobenzene	Aldrin	alpha-BHC	beta-BHC	LINDANE (GAMMA-BHC)	delta-BHC	Chlordane
% NONDETECT	100	100	98.246		100	96.491	98.246	100	100	100	100	76.2712	98.3051	100
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	0.9061	#DIV/0!	0.0283	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.00787	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	0.37	1.0928	#DIV/0!	0.22	0.2	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.01136	0.06	#DIV/0!
CV	0.6	0.6	0.6	0.8292	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV	0.6	0.6	0.83	0.83	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1														
CV^2 +1	1.36	1.36	1.6889	1.6889	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.55451	0.5545	0.7239	0.7239	0.5545	0.5545	0.5545	0.55451	0.5545	0.55451	0.5545	0.55451	0.55451	0.55451
Sigma ^2	0.30748	0.3075	0.5241	0.5241	0.3075	0.3075	0.3075	0.30748	0.3075	0.30748	0.3075	0.30748	0.30748	0.30748
Sigma 4	0.29356	0.2936	0.3986	0.3986	0.2936	0.2936	0.2936	0.29356	0.2936	0.29356	0.2936	0.29356	0.29356	0.29356
Sigma 4 ^2	0.08618	0.0862	0.1589	0.1589	0.0862	0.0862	0.0862	0.08618	0.0862	0.08618	0.0862	0.08618	0.08618	0.08618
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.15374	0.1537	0.262	0.262	0.1537	0.1537	0.1537	0.15374	0.1537	0.15374	0.1537	0.15374	0.15374	0.15374
Z99% *Sigma	1.2898	1.2898	1.6839	1.6839	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
ECA Acute 99 multiplier	0.32108	0.3211	0.2413	0.2413	0.3211	0.3211	0.3211	0.32108	0.3211	0.32108	0.3211	0.32108	0.32108	0.32108
0.5*Sigma 4 ^2	0.04309	0.0431	0.0795	0.0795	0.0431	0.0431	0.0431	0.04309	0.0431	0.04309	0.0431	0.04309	0.04309	0.04309
Z99%ile*Sigma 4	0.68282	0.6828	0.9272	0.9272	0.6828	0.6828	0.6828	0.68282	0.6828	0.68282	0.6828	0.68282	0.68282	0.68282
ECA Chronic99 multiplier	0.52743	0.5274	0.4284	0.4284	0.5274	0.5274	0.5274	0.52743	0.5274	0.52743	0.5274	0.52743	0.52743	0.52743
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.48291	0.4829	0.6557	0.6557	0.4829	0.4829	0.4829	0.48291	0.4829	0.48291	0.4829	0.48291	0.48291	0.48291
0.5*sigma 4 ^2	0.04309	0.0431	0.0795	0.0795	0.0431	0.0431	0.0431	0.04309	0.0431	0.04309	0.0431	0.04309	0.04309	0.04309
AMEL multiplier95	1.55242	1.5524	1.7794	1.7794	1.5524	1.5524	1.5524	1.55242	1.5524	1.55242	1.5524	1.55242	1.55242	1.55242
Z99% *Sigma	1.2898	1.2898	1.6839	1.6839	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
0.5* sigma^2	0.15374	0.1537	0.262	0.262	0.1537	0.1537	0.1537	0.15374	0.1537	0.15374	0.1537	0.15374	0.15374	0.15374
MDEL multiplier99	3.11446	3.1145	4.1447	4.1447	3.1145	3.1145	3.1145	3.11446	3.1145	3.11446	3.1145	3.11446	3.11446	3.11446
MDEL/AMEL Multiplier	2.00619	2.0062	2.3292	2.3292	2.0062	2.0062	2.0062	2.00619	2.0062	2.00619	2.0062	2.00619	2.00619	2.00619

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	108	109	110	111	112	113	114	115	116	117	118	119	120	121
Pollutant	4,4'-DDT	4,4'-DDE	4,4'-DDD	Dieldrin	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1/2/1998														
2/1/1998	<0.002	<0.005	<0.002	<0.003	<0.002	<0.004	<0.001	<0.004	<0.004	<0.003	<0.004	<0.08	<0.08	<0.05
3/2/1998														
4/2/1998														
5/2/98 (5/1/98 Pest's)	<0.002	<0.005	<0.002	<0.003	<0.002	<0.004	<0.001	<0.004	<0.004	<0.003	<0.004	<0.08	<0.08	<0.05
6/2/1998														
7/1/1998														
8/1/1998	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
9/2/1998														
10/2/1998														
11/1/1998	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
12/3/1998														
1/4/1999														
2/2/1999	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
3/3/99 (3/1/99 Pest's)	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
4/1/1999														
5/1/1999	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
6/1/1999														
7/2/1999														
8/1/1999	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
9/1/1999														
10/2/1999														
10/19/1999														
11/2/1999	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
12/15/1999														
1/3/2000														
2/2/2000	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
3/3/2000														
4/2/2000														
5/1/2000														
6/1/20(6/5/00 Pest's)	<0.003	<0.003	<0.002	<0.004	<0.002	<0.003	<0.004	<0.005	<0.004	<0.002	<0.003	<0.08	<0.08	<0.05
7/1/2000														
8/1/2000	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
9/1/2000														
10/1/2000														
11/1/2000	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.005	<0.003	<0.002	<0.003	<0.03	<0.014	<0.022
12/1/2000														
1/2/2001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.005	<0.003	<0.002	<0.003	<0.03	<0.014	<0.022
2/1/2001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.003	<0.005	<0.003	<0.002	<0.003	<0.03	<0.014	<0.022
3/2/01(3/8/01 Pest's)	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
4/1/2001														
5/2/2001	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
6/2/2001														
7/2/2001														
8/2/2001	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
9/4/2001														
10/1/2001														
11/3/2001	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
12/3/2001														
1/2/2002														
2/2/2002	<0.002	<0.002	<0.002	<0.006	<0.001	<0.004	<0.002	<0.004	<0.004	<0.005	<0.001	<0.046	<0.034	<0.033
3/3/2002														
4/3/2002														
5/6/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.02	<0.02	<0.03
6/6/2002														
7/1/2002														
8/2/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.02	<0.02	<0.03
9/3/2002														
10/1/2002														
11/1/2002	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.002	<0.001	<0.002	<0.001	<0.001	<0.02	<0.02	<0.03
12/1/2002														
1/2/2003														

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	108	109	110	111	112	113	114	115	116	117	118	119	120	121
Pollutant	4,4'-DDT	4,4'-DDE	4,4'-DDD	Dieldrin	alpha-Endosulfan	beta-Endosulfan	Endosulfan Sulfate	Endrin	Endrin Aldehyde	Heptachlor	Heptachlor Epoxide	Aroclor 1016	Aroclor 1221	Aroclor 1232
% NONDETECT	100	100	100	100	100	100	98.305	98.3051	96.61	100	100	100	100	100
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.0021	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.014	0.003	0.0065	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Default CV	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1														
CV^2 +1	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Sigma	0.5545	0.55451	0.55451	0.5545	0.5545	0.55451	0.5545	0.55451	0.5545	0.5545	0.55451	0.5545	0.5545	0.5545
Sigma ^2	0.3075	0.30748	0.30748	0.3075	0.3075	0.30748	0.3075	0.30748	0.3075	0.3075	0.30748	0.3075	0.3075	0.3075
Sigma 4	0.2936	0.29356	0.29356	0.2936	0.2936	0.29356	0.2936	0.29356	0.2936	0.2936	0.29356	0.2936	0.2936	0.2936
Sigma 4 ^2	0.0862	0.08618	0.08618	0.0862	0.0862	0.08618	0.0862	0.08618	0.0862	0.0862	0.08618	0.0862	0.0862	0.0862
Z 99 %ile	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.1537	0.15374	0.15374	0.1537	0.1537	0.15374	0.1537	0.15374	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537
Z99% *Sigma	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
ECA Acute 99 multiplier	0.3211	0.32108	0.32108	0.3211	0.3211	0.32108	0.3211	0.32108	0.3211	0.3211	0.32108	0.3211	0.3211	0.3211
0.5*Sigma 4 ^2	0.0431	0.04309	0.04309	0.0431	0.0431	0.04309	0.0431	0.04309	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431
Z99%ile*Sigma 4	0.6828	0.68282	0.68282	0.6828	0.6828	0.68282	0.6828	0.68282	0.6828	0.6828	0.68282	0.6828	0.6828	0.6828
ECA Chronic99 multiplier	0.5274	0.52743	0.52743	0.5274	0.5274	0.52743	0.5274	0.52743	0.5274	0.5274	0.52743	0.5274	0.5274	0.5274
Z 95%ile	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.4829	0.48291	0.48291	0.4829	0.4829	0.48291	0.4829	0.48291	0.4829	0.4829	0.48291	0.4829	0.4829	0.4829
0.5*sigma 4 ^2	0.0431	0.04309	0.04309	0.0431	0.0431	0.04309	0.0431	0.04309	0.0431	0.0431	0.04309	0.0431	0.0431	0.0431
AMEL multiplier95	1.5524	1.55242	1.55242	1.5524	1.5524	1.55242	1.5524	1.55242	1.5524	1.5524	1.55242	1.5524	1.5524	1.5524
Z99% *Sigma	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898	1.2898
0.5* sigma^2	0.1537	0.15374	0.15374	0.1537	0.1537	0.15374	0.1537	0.15374	0.1537	0.1537	0.15374	0.1537	0.1537	0.1537
MDEL multiplier99	3.1145	3.11446	3.11446	3.1145	3.1145	3.11446	3.1145	3.11446	3.1145	3.1145	3.11446	3.1145	3.1145	3.1145
MDEL/AMEL Multiplier	2.0062	2.00619	2.00619	2.0062	2.0062	2.00619	2.0062	2.00619	2.0062	2.0062	2.00619	2.0062	2.0062	2.0062

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	122	123	124	125	126
	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Toxaphene
Pollutant	ug/L	ug/L	ug/L	ug/L	ug/L
Units	ug/L	ug/L	ug/L	ug/L	ug/L
1/2/1998					
2/1/1998	<0.1	<0.052	<0.1	<0.056	<0.3
3/2/1998					
4/2/1998					
5/2/98 (5/1/98 Pest's)	<0.1	<0.052	<0.1	<0.056	<0.3
6/2/1998					
7/1/1998					
8/1/1998	<0.1	<0.052	<0.1	<0.056	<0.3
9/2/1998					
10/2/1998					
11/1/1998	<0.1	<0.052	<0.1	<0.056	<0.3
12/3/1998					
1/4/1999					
2/2/1999	<0.1	<0.052	<0.1	<0.056	<0.3
3/3/99 (3/1/99 Pest's)	<0.1	<0.052	<0.1	<0.056	<0.3
4/1/1999					
5/1/1999	<0.1	<0.052	<0.1	<0.056	<0.3
6/1/1999					
7/2/1999					
8/1/1999	<0.1	<0.052	<0.1	<0.056	<0.3
9/1/1999					
10/2/1999					
10/19/1999					
11/2/1999	<0.1	<0.052	<0.1	<0.056	<0.3
12/15/1999					
1/3/2000					
2/2/2000	<0.1	<0.052	<0.1	<0.056	<0.3
3/3/2000					
4/2/2000					
5/1/2000					
6/1/20(6/5/00 Pest's)	<0.1	<0.052	<0.1	<0.056	<0.3
7/1/2000					
8/1/2000	<0.04	<0.057	<0.025	<0.065	<0.113
9/1/2000					
10/1/2000					
11/1/2000	<0.019	<0.019	<0.031	<0.016	<0.147
12/1/2000					
1/2/2001	<0.019	<0.019	<0.031	<0.016	<0.147
2/1/2001	<0.019	<0.019	<0.031	<0.016	<0.147
3/2/01(3/8/01 Pest's)	<0.04	<0.057	<0.025	<0.065	<0.113
4/1/2001					
5/2/2001	<0.04	<0.057	<0.025	<0.065	<0.113
6/2/2001					
7/2/2001					
8/2/2001	<0.04	<0.057	<0.025	<0.065	<0.113
9/4/2001					
10/1/2001					
11/3/2001	<0.04	<0.057	<0.025	<0.065	<0.113
12/3/2001					
1/2/2002					
2/2/2002	<0.04	<0.057	<0.025	<0.065	<0.113
3/3/2002					
4/3/2002					
5/6/2002	<0.02	<0.04	<0.02	<0.01	<0.09
6/6/2002					
7/1/2002					
8/2/2002	<0.02	<0.04	<0.02	<0.01	<0.09
9/3/2002					
10/1/2002					
11/1/2002	<0.02	<0.04	<0.02	<0.01	<0.09
12/1/2002					
1/2/2003					

Table D1
EFFLUENT DATA FOR PRIORITY POLLUTANTS

Los Angeles-Glendale Water Reclamation Plant
(NPDES No. CA0053953, CI No. 5675)

CTR #	122	123	124	125	126
Pollutant	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Toxaphene
% NONDETECT	100	100	100	100	100
ST DEVIATION	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
CV	0.6	0.6	0.6	0.6	0.6
Default CV	0.6	0.6	0.6	0.6	0.6
ECA multipliers Table 1					
CV^2 +1	1.36	1.36	1.36	1.36	1.36
Sigma	0.5545	0.5545	0.5545	0.5545	0.5545
Sigma ^2	0.3075	0.3075	0.3075	0.3075	0.3075
Sigma 4	0.2936	0.2936	0.2936	0.2936	0.2936
Sigma 4 ^2	0.0862	0.0862	0.0862	0.0862	0.0862
Z 99 %ile	2.326	2.326	2.326	2.326	2.326
0.5*Sigma^2	0.1537	0.1537	0.1537	0.1537	0.1537
Z99% *Sigma	1.2898	1.2898	1.2898	1.2898	1.2898
ECA Acute 99 multiplier	0.3211	0.3211	0.3211	0.3211	0.3211
0.5*Sigma 4 ^2	0.0431	0.0431	0.0431	0.0431	0.0431
Z99%ile*Sigma 4	0.6828	0.6828	0.6828	0.6828	0.6828
ECA Chronic99 multiplier	0.5274	0.5274	0.5274	0.5274	0.5274
Z 95%ile	1.645	1.645	1.645	1.645	1.645
Z95% *Sigma 4	0.4829	0.4829	0.4829	0.4829	0.4829
0.5*sigma 4 ^2	0.0431	0.0431	0.0431	0.0431	0.0431
AMEL multiplier95	1.5524	1.5524	1.5524	1.5524	1.5524
Z99% *Sigma	1.2898	1.2898	1.2898	1.2898	1.2898
0.5* sigma^2	0.1537	0.1537	0.1537	0.1537	0.1537
MDEL multiplier99	3.1145	3.1145	3.1145	3.1145	3.1145
MDEL/AMEL Multiplier	2.0062	2.0062	2.0062	2.0062	2.0062